

Archives of Virology

Official Journal of the Virology Division
of the International Union of Microbiological Societies

Volume 129 1993

ISSN 0304-8608



Springer-Verlag Wien New York

Editorial Board

I. W. Halliburton, Leeds
D. R. Lowy, Bethesda, Md.
F. A. Murphy, Davis, Calif. (Editor-in-Chief)
Y. Nagai, Nagoya
C. Scholtissek, Giessen
J. H. Strauss, Pasadena, Calif.
A. Vaheri, Helsinki
M. H. V. Van Regenmortel, Strasbourg
D. O. White, Melbourne

Virology Division

M. C. Horzinek, Utrecht

Special Issues

C. H. Calisher, Fort Collins, Colo.
H.-D. Klenk, Marburg

Advisory Board

D. J. Alexander, New Haw	R. W. Goldbach, Wageningen	T. Mikami, Tokyo	E. P. Rybicki, Rondebosch
Y. Becker, Jerusalem	R. I. Hamilton, Vancouver	K. Mölling, Berlin	D. J. Rowlands, Woking
G. J. Belsham, Woking	I. H. Holmes, Parkville, Vic.	R. Mori, Fukuoka	L. J. Saif, Wooster, Ohio
R. W. Bingham, Edinburgh	P. M. Howley, Bethesda, Md.	N. Müller-Lantzsch, Homburg	G. Siegl, Bern
K. Bister, Köln	R. Hull, Norwich	Y. Nishiyama, Nagoya	J. Storz, Baton Rouge, La.
E. De Clercq, Leuven	A. P. Kendal, Copenhagen	A. Nomoto, Tokyo	N. D. Stow, Glasgow
U. Desselberger, Glasgow	U. Koszinowski, Ulm	I. Ørstavik, Oslo	M. J. Studdert, Parkville, Vic.
N. J. Dimmock, Coventry	C. Kunz, Wien	J. Ortin, Madrid	J. Svoboda, Praha
H. J. Field, Cambridge	E. Kurstak, Montreal	S. Patterson, Harrow	H.-J. Thiel, Tübingen
B. N. Fields, Boston, Mass.	H. Ludwig, Berlin	P. E. Pellett, Atlanta, Ga.	S. Urasawa, Sapporo
H. Gelderblom, Berlin	D. K. Lvov, Moscow	U. Pettersson, Uppsala	G. Wadell, Umeå
W. Gerlich, Göttingen	B. W. J. Mahy, Atlanta, Ga.	R. F. Pettersson, Stockholm	S. Welling-Wester, Groningen
A. J. Gibbs, Canberra	R. Marusyk, Edmonton	W. Plowright,	H. A. Wood, Ithaca, N.Y.
L. Gissmann, Heidelberg	V. ter Meulen, Würzburg	Goring-On-Thames	R. H. Yolken, Baltimore, Md.

Editorial Assistant: C. Mandl, Wien

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions including microforms is transferred to the publisher. For copyright regulations and for further information, see the detailed "Instructions to Authors".

Contents

Acosta, O., Mayo, M. A.: Polypeptide synthesis induced in <i>Nicotiana clevelandii</i> protoplasts by infection with raspberry ringspot nepovirus	145
Adachi, A., s. Sakai, H.	
Akari, H., s. Tomonaga, K.	
Alliger, P., s. Marschall, M.	
Androukaki, E., s. Van Bresse, M.-F.	
Arsenakis, M., s. Sivropoulou, A.	
Asikainen, K., Vesanen, M., Kuitinen, T., Vaheri, A.: Identification of human type D retrovirus as a contaminant in a neuroblastoma cell line (Brief Report)	357
Bachmann, S., s. Li, Y.	
Beck, D. L., s. Wang, Y. Y.	
Bhatt, P. N., s. Brownstein, D. G.	
Black, Darla, s. Eberle, R.	
Blixt, Y.: Exchange of the cellular growth medium supplement from fetal bovine serum to Ultrosor G increases the affinity of adenovirus for HeLa cells (Brief Report)	251
— Varga, M. J., Everitt, E.: Enhancement of intracellular uncoating of adenovirus in HeLa cells in the presence of benzyl alcohol as a membrane fluidizer (Brief Report)	265
Bogedain, C., s. Marschall, M.	
Brand, M., s. Marschall, M.	
Breyel, E., s. Li, Y.	
Brownstein, D. G., Bhatt, P. N., Gras, Lisa: Ectromelia virus replication in major target organs of innately resistant and susceptible mice after intravenous infection	65
Cellesi C., s. Cusi, Maria G.	
Chan, P. K. S., s. Lo, S. K. F.	
Chattopadhyay, Sisir K., s. Tang, Yao	
Commandeur, U., s. Li, Y.	
Cornaglia, E., Elazhary, Y., Talbot, B.: Bovine rotavirus type detection by neutralizing monoclonal antibodies (Brief Report)	243
Cusi, Maria G., Valensin, P. E., Cellesi, C.: Possibility of reinfection after immunisation with RA 27/3 live attenuated rubella virus (Brief Report)	337
De Swart, R. L., s. Van Bresse, M.-F.	
Deubel V., Nogueira, R. M., Drouet, M. T., Zeller, H., Reynes, J. M., Ha, D. Q.: Direct sequencing of genomic cDNA fragments amplified by the polymerase chain reaction for molecular epidemiology of dengue-2 viruses	197
Drouet, M. T., s. Deubel, V.	
Eberle, R., Black, Darla: Sequence analysis of herpes simplex virus <i>gB</i> gene homologs of two platyrrhine monkey α -herpesviruses	167
Elazhary, Y., s. Cornaglia, E.	
Everitt, E., s. Blixt, Y.	

Falke, D. , s. Fleck, M.	
Fleck, M., Podlech, J., Weise, K., Müntefering, H., Falke, D.: Pathogenesis of HSV-1/2 induced vaginitis/vulvitis of the mouse: dependence of lesions on genetic properties of the virus and analysis of pathohistology	35
Fleuriet, A., Periquet, G.: Evolution of the <i>Drosophila melanogaster</i> -sigma virus system in natural populations from Languedoc (southern France)	131
Fredrickson, Torgny, N. , s. Tang, Yao	
Fukasawa, M. , s. Tomonaga, K.	
Furlini, G. , s. Re, M. C.	
Gardner, R. C. , s. Wang, Y. Y.	
Glaser, G. , s. Marschall, M.	
Goto, T. , s. Tomonaga, K.	
Gras, Lisa , s. Brownstein, D. G.	
Ha, D. Q. , s. Deubel, V.	
Hartley, Janet W. , s. Tang, Yao	
Hassan, M. A. , s. Tomonaga, K.	
Hayami, M. , s. Tomonaga, K.	
Heath, R. B. , s. Lo, S. K. F.	
Hidaka, Y. , s. Toh, Y.	
Holmes, I. H. , s. Kool, D. A.	
Hondo, R. , s. Inouye, S.	
Hügin, A. W. , s. Tang, Yao	
Inomata, H. , s. Liu, Y.	
Inouye, S., Hondo, R.: Type differentiation of herpes simplex virus by stringent hybridization of polymerase chain reaction products (Brief Report)	311
Ip, K. W. Y. , s. Lo, S. K. F.	
Isahakia, M. , s. Tomonaga, K.	
Ishibashi, T. , s. Liu, Y.	
Iwai, H. , s. Kirisawa, R.	
Jacobs, S. C., Stephenson, J. R., Wilkinson, G. W. G.: Sequence of the NS 1 gene of the K23 isolate of tick-borne encephalitis virus and identification of conserved motifs (Brief Report)	279
Katahira, J. , s. Tomonaga, K.	
Kawakami, Y. , s. Kirisawa, R.	
Kawamura, M. , s. Sakai, H.	
— s. Tomonaga, K.	
Kida, H. , s. Ohmura, Y.	
Kirisawa, R., Ohmori, H., Iwai H., Kawakami, Y.: The genomic diversity among equine herpesvirus-1 strains isolated in Japan	11
Koenig, R. , s. Li, Y.	
Kool, D. A., Holmes, I. H.: The avian rotavirus Ty-1 Vp 7 nucleotide and deduced amino acid sequences differ significantly from those of Ch-2 rotavirus (Brief Report)	227
Kuittinen, T. , s. Asikainen, K.	
Lawman, M. J. P. , s. Martins, C. L. V.	
Leibowitz, J. L. , s. Weiss, Susan R.	
Le Placa, M. , s. Re, M. C.	
Li, Y., Bachmann, S., Maß, E., Commandeur, U., Breyel, E., Timpe, U., Koenig, R.: Nucleotide sequence of the coat protein gene of pelargonium leaf curl virus and comparison of the deduced coat protein amino acid sequence with those of other tombusviruses (Brief Report)	349

Liu, Y., Sakai, Y., Minagawa, H., Toh, Y., Ishibashi, T., Inomata, H., Mori, R.: Induction of bilateral retinal necrosis in mice by unilateral intracameral inoculation of a glycoprotein-C deficient clinical isolate of herpes simplex virus type 1	105
— s. Toh, Y.	
Lo, S. K. F., Ip, K. W. Y., Chan, P. K. S., Nicholls, J. M., Heath, R. B., Shiu, S. Y. W.: Congenital infection by human cytomegalovirus with a 65 bp deletion in the morphological transforming region II (Brief Report)	295
Lunney, J. K., s. Martins, C. L. V.	
Maiß, E., s. Li, Y.	
Marschall, M., Alliger, P., Schwarzmann, F., Bogedain, C., Brand, M., Reichelt, B., Glaser, G., Wolf, H.: The lytic transition of Epstein-Barr virus is imitated by recombinant B-cell	23
Martins, C. L. V., Lawman, M. J. P., Scholl, T., Mebus, C. A., Lunney, J. K.: African swine fever virus specific porcine cytotoxic T cell activity	211
Matsuura, T., s. Ohmura, Y.	
Mayo, M. A., s. Acosta, O.	
Mebus, C. A., s. Martins, C. L. V.	
Melvin, W. T., s. Pryde, A.	
Minagawa, H., s. Liu, Y.	
Miura, T., s. Tomonaga, K.	
Monari, P., s. Re, M. C.	
Mori, R., s. Liu, Y.	
— s. Toh, Y.	
Morse, H. C. III, s. Tang, Yao	
Moult, B. J., s. Sinclair, R.	
Mumford, J. A., s. Sinclair, R.	
Munro, A. L. S., s. Pryde, A.	
Müntefering, H., s. Fleck, M.	
Nakai, M., s. Tomonaga, K.	
Nicholls, J. M., s. Lo, S. K. F.	
Nogueira, R. M., s. Deubel, V.	
Ohmori, H., s. Kirisawa, R.	
Ohmura, Y., Ono, E., Matsuura, T., Kida, H., Shimizu, Y.: Detection of feline herpesvirus 1 transcripts in trigeminal ganglia of latently infected cats (Brief Report)	341
Ono, E., s. Ohmura, Y.	
Örvell, C., s. Van Bresse, M.-F.	
Osterhaus, A. D. M. E., s. Van Bresse, M.-F.	
Pearson, M. N., s. Wang, Y. Y.	
Periquet, G., s. Fleuriet, A.	
Podlech, J., s. Fleck, M.	
Pryde, A., Melvin, W. T., Munro, A. L. S.: Nucleotide sequence analysis of the serotype-specific epitope of infectious pancreatic necrosis virus (Brief Report)	287
Ramazzotti, E., s. Re, M. C.	
Ranieri, S., s. Re, M. C.	
Re, M. C., Zauli, G., Furlini, G., Ranieri, S., Monari, P., Ramazzotti, E., La Placa, M.: The impaired number of circulating granulocyte/macrophage progenitors (CFU-GM) in human immunodeficiency virus-type 1 infected subjects correlates with an active HIV-1 replication	53
Reichelt, B., s. Marschall, M.	
Reynes, J. M., s. Deubel, V.	
Sakai, H., Sakuragi, J.-i., Sakuragi, S., Kawamura, M., Adachi, A.: Compatibility of Tat and Rev transactivators in the primate lentiviruses (Brief Review)	1
Sakai, Y., s. Liu, Y.	

Sakuragi, J.-I., s. Sakai, H.	
Sakuragi, S., s. Sakai, H.	
Scholl, T., s. Martins, C. L. V.	
Schwarzmann, F., s. Marschall, M.	
Shimizu, Y., s. Ohmura, Y.	
Shiu, S. Y. W., s. Lo, S. K. F.	
Siakavara, K., s. Van Bressem, M.-F.	
Sinclair, R., Moul, B. J., Mumford, J. A.: Characterization of an antigenic site on glycoprotein 13 (gC) of equid herpesvirus type-1 (Brief Report)	327
Sivropoulou, A., Arsenakis, M.: Mapping of the functional domains of the α 4 protein of herpes simplex virus 1 (Brief Report)	317
Stanzani, L., s. Van Bressem, M.-F.	
Stephenson, J. R., s. Jacobs, S. C.	
Suleman, M., s. Tomonaga, K.	
Talbot, B., s. Cornaglia, E.	
Tanaka, S., s. Toh, Y.	
Tang, Yao, Hügin, A. W., Hartley, Janet W., Fredrickson, Torgny N., Morse, H. C. III, Chattopadhyay, Sisir K.: Effects of immunization with the p 12 proteins of LP-BM5 defective and ecotropic viruses on development of MAIDS	155
Timpe, U., s. Li, Y.	
Toh, Y., Tanaka, S., Liu, Y., Hidaka, Y., Mori, R.: Molecular characterization of naturally occurring glycoprotein C-negative herpes simplex virus type 1	119
— Liu, Y., Tanaka, S., Mori, R.: Nucleotide sequence of the major DNA-binding protein gene of herpes simplex virus type 2 and a comparison with the type 1 counterpart	183
— s. Liu, Y.	
Tomonaga, K., Katahira, J., Fukasawa, M., Hassan, M. A., Kawamura, M., Akari, H., Miura, T., Goto, T., Nakai, M., Suleman, M., Isahakia, M., Hayami, M.: Isolation and characterization of simian immunodeficiency virus from African white-crowned mangabey monkeys (<i>Cercocebus torquatus lunulatus</i>)	77
Vaheri, A., s. Asikainen, K.	
Valensin, P. E., s. Cusi, Maria G.	
Van Bressem, M.-F., Visser, I. K. G., De Swart, R. L., Örvell, C., Stanzani, L., Androukaki, E., Siakavara, K., Osterhaus, A. D. M. E.: Dolphin morbillivirus infection in different parts of the Mediterranean Sea (Brief Report)	235
Varga, M. J., s. Blixt, Y.	
Vesonen, M., s. Asikainen, K.	
Visser, I. K. G., s. Van Bressem, M.-F.	
Wang, Y. Y., Beck, D. L., Gardner, R. C., Pearson, M. N.: Nucleotide sequence, serology and symptomatology suggest that vanilla necrosis potyvirus is a strain of watermelon mosaic virus II	93
Weise, K., s. Fleck, M.	
Weiss, Susan R., Zoltick, P. W., Leibowitz, J. L.: The ns 4 gene of mouse hepatitis virus (MHV), strain A59 contains two ORFs and thus differs from ns 4 of the JHM and S strains (Brief Report)	301
Wilkinson, G. W. G., s. Jacobs, S. C.	
Wolf, H., s. Marschall, M.	
Zauli, G., s. Re, M. C.	
Zeller, H., s. Deubel, V.	
Zoltick, P. W., s. Weiss, Susan R.	

Abstracted/Indexed in:
 Current Contents, SCI, ASCA, and
 ISI/BIOMED, Biosis, Chemical Abstracts,
 Index Medicus, Reference Update, CAB Abstracts,
 Current Awareness in Biological Sciences

